

Black Cypress Bayou (unclassified water body)

Segment: 0402A Cypress Creek Basin

Basin number:	4
Basin group:	A
Water body description:	Perennial stream from the confluence with Big Cypress in Marion County up to 7.5 miles above FM 250 in Cass County.
Water body classification:	Unclassified
Water body type:	Freshwater Stream
Water body length / area:	56 Miles
Water body uses:	Aquatic Life Use, Contact Recreation Use, Fish Consumption Use

Standards Not Met in 2004				
Assessment Area	Use	Support Status	Parameter	Category
Lower 15 miles of water body	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5b
Middle 1 mile, Pruitt Lake	Fish Consumption Use	Partially Supporting	mercury in fish tissue	5c
Middle 17 miles near CR 1617	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5b
Upper 10 miles of water body	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5b

Standards Not Met and Concerns in Previous Years				
Assessment Area	Use	Support Status or Concern	Parameter	Category
Lower 15 miles of water body	Aquatic Life Use	Use Concern-Limited Data	lead (chronic) in water	5b
Middle 1 mile, Pruitt Lake	Aquatic Life Use	Use Concern-Limited Data	cadmium (acute) in water	
Middle 1 mile, Pruitt Lake	Aquatic Life Use	Use Concern-Limited Data	cadmium (chronic) in water	
Middle 1 mile, Pruitt Lake	Aquatic Life Use	Use Concern-Limited Data	copper (acute) in water	
Middle 1 mile, Pruitt Lake	Aquatic Life Use	Use Concern-Limited Data	copper (chronic) in water	
Middle 1 mile, Pruitt Lake	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	

Additional Information: The contact recreation use was not assessed.

2004 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Lower 15 miles of water body	Aquatic Life Use	Use Concern-Limited Data	copper (acute) in water
Lower 15 miles of water body	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Middle 1 mile, Pruitt Lake	Fish Tissue Contaminants Concern	Concern	mercury in fish tissue

(-based on data from 03/01/1998 to 02/28/2003)

2004 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Middle 1 mile, Pruitt Lake	Narrative Criteria Concern	Concern	metals in sediment
Middle 13 miles near FM 250	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Middle 17 miles near CR 1617	Aquatic Life Use	Use Concern- Limited Data	depressed dissolved oxygen
Upper 10 miles of water body	Aquatic Life Use	Use Concern- Limited Data	depressed dissolved oxygen

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Lower 15 miles of water body	10245	BLACK CYPRESS CREEK AT US 59 NORTH OF JEFFERSON
Middle 1 mile, Pruitt Lake	10246	BLACK CYPRESS BAYOU AT SH 155, 5.2 MI. NE OF AVINGER
Middle 13 miles near FM 250	10247	BLACK CYPRESS BAYOU AT SH 11 WEST OF LINDEN
Middle 17 miles near CR 1617	16705	BLACK CYPRESS CREEK AT CASS CR1617, 2KM UPSTREAM OF CUNNINGHAM CREEK, 10KM EAST OF AVINGER
Upper 10 miles of water body	10248	BLACK CYPRESS BAYOU AT FM 250, 4 MI. NE OF HUGHES SPRINGS

Published studies:		
Publication	Date	Author
AS 121/SR Cypress Creek Basin	Jan. 1993	Crowe, A. (Region 5)